

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED GAS WELL SUB REPORT abd \_\_\_\_\_\* Location Abandoned - Well never drilled - 3-18-82DATE FILED 3-27-81

LAND, FEE &amp; PATENTED \_\_\_\_\_ STATE LEASE NO \_\_\_\_\_

PUBLIC LEASE NO USA-U-40049

INDIAN \_\_\_\_\_

DRILLING APPROVED 5-20-81

SPUDDED IN \_\_\_\_\_

COMPLETED \_\_\_\_\_ PUT TO PRODUCING \_\_\_\_\_

INITIAL PRODUCTION \_\_\_\_\_

GRAVITY API \_\_\_\_\_

GOR \_\_\_\_\_

PRODUCING ZONES \_\_\_\_\_

TOTAL DEPTH \_\_\_\_\_

WELL ELEVATION \_\_\_\_\_

DATE ABANDONED LA March 18, 1982FIELD: Wildcat 3/86 Undesignated

UNIT \_\_\_\_\_

COUNTY: GrandWELL NO GLISSON USA #27-2API NO. 43-019-30802LOCATION 691 FT FROM (N) X LINE.1813FT FROM (E) X LINE.NW NE1 4 - 1 4 SEC. 27

TWP.	RGE	SEC	OPERATOR	TWP.	RGE	SEC	OPERATOR
<u>17S</u>	<u>25E</u>	<u>27</u>	<u>TENNECO OIL COMPANY</u>				

DUPLICATE

SUBMIT IN DUPLICATE  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

TENNECO OIL COMPANY

## 3. ADDRESS OF OPERATOR

720 South Colorado Boulevard, Denver, Colorado 80222

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

691' FNL, 1813' FEL

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 22 miles Northwest of Mack, Colorado

## 10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

691'

## 16. NO. OF ACRES IN LEASE

1916

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

3650'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

January 25, 1980

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5252' GL

## 22. APPROX. DATE WORK WILL START\*

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 7/8"	7"	23# K-55	± 300	Sufficient to circulate to surface
6 1/4"	4 1/2"	10.5# K-55	± 3650	Sufficient to cover all possible productive zones.

( SEE ATTACHED DRILLING PROGRAM )

RECEIVED

APR 22 1981

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

J.D. Traywick

TITLE Administrative Supervisor

DATE 11-28-79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

FOR

E. W. GUYNN  
DISTRICT ENGINEER

DATE

APR 21 1981

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See

Instructions On Reverse Side

State of Utah, Department of Natural Resources

Division of Oil, Gas, and Mining

1588 West North Temple

Salt Lake City, Utah 84116

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

NOTICE OF APPROVAL

State Oil &amp; Gas

Oil and Gas Drilling

EA No. 127-80

United States Department of the Interior  
Geological Survey  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

USUAL ENVIRONMENTAL ASSESSMENT

Date January 11, 1980

Operator Tenneco Oil Company Well No. 27-2  
Location 691' FNL 1813' FEL Section 27 Township 17S Range 25E  
County Grand State Utah Field/Unit Wildcat  
Status: Surface Ownership Public Minerals Federal  
Lease No. U-40049 Permit No. \_\_\_\_\_

Joint Field Inspection Date: January 3, 1980

Field Inspection Participants, Titles, and Organizations:

<u>Craig Hansen</u>	<u>U. S. Geological Survey, Vernal</u>
<u>Elmer Duncan</u>	<u>Bureau of Land Management, Moab</u>
<u>Lee Freeman</u>	<u>Tenneco</u>
<u>Bill Buniger</u>	<u>Contractor</u>
_____	_____
_____	_____

Related Environmental Documents:

Book Mountain Resource Analysis, Bureau of Land Management, Utah

Prepared by: Craig Hansen  
Environmental Scientist  
Grand Junction, Colorado

Per 165 x 310  
Pit 15 x 150  
310' x 20' new access  
1 1/4 mi x 20' - upgrade trail  
Flow line not in ch  
Stockpile top soil  
23/10 cc  
Mitigation pg 6  
3) a) & b)

Proposed Action:

On December 3, 1979, Tenneco Oil Company filed an Application for Permit to Drill the No. 27-2 exploratory well, a 3650' gas test of the Entrada Formation, Jurassic in age, located at an elevation of 5252' in the NW/4 NE/4, Sec. 27, T17S, R25E on federal mineral lands and public surface, lease No. U-40049. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City, Utah.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 165' wide x 310' long and a reserve pit 25' x 150'. A new access road would be constructed 20' wide x 310' long and an existing trail would be upgraded to 20' wide x 1.1 miles long from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flowline would be submitted to the appropriate agencies for approval. The anticipated starting date is January 25, 1980, and duration of drilling activities would be about 15 days.

Location and Natural Setting:

The proposed drillsite is approximately 21 miles NW of Mack, Colorado, the nearest town. A poor road runs to within 2100' of the location. This is a wildcat well.

Topography:

The location is on top of a flat hill sloping gently to the northwest. Small outcrops of sandstone exist south of the location.

Geology:

The surface geology is the Mancos "A" Formation, Cretaceous in age. The soil is a sandy clay, with well-mixed gravels. No geologic hazards are known near the drillsite. Seismic risk for the area is moderate. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

#### Soils:

No detailed soil survey has been made of the project area. The topsoils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinyon-juniper association is also present.

Topsoil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 2.3 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

#### Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust

from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

#### Precipitation:

Annual rainfall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rainstorms. This type of storm is rather uncommon as the annual precipitation is around 8".

Winds are medium and gusty, occurring predominantly from west to east. Air mass inversions are rare. The climate is semiarid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

#### Surface Water Hydrology:

The location drains northwest by nonperennial drainage to West Bitter Creek which flows to the Colorado River, the major tributary in the region.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

#### Groundwater Hydrology:

Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of, produced water per the requirements of NTL-2B. The

depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

#### Vegetation:

Fifty percent cover of sagebrush, saltbrush, Indian rice grass, cactus, rabbitbrush, pinyon and cedar exist on location.

Proposed action would remove about 2.3 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

#### Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

#### Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is visible from a major road. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The overall effect of oil and gas drilling and production activity is significant in Grand County but it is difficult to assess the environmental impact of a single well on state and/or national levels. However, if said well was to produce in sufficient quantity, additional development wells might be anticipated. This additional development, in turn, would lead to greater environmental and socioeconomic consequences.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

#### Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

#### Alternatives to the Proposed Action:

1) Not Approving the Proposed Permit--The Oil and Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration.

2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe



vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

3) Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

a) Topsoil will be piled to the north edge of pad to insure retention of topsoil.

b) No drilling operation will take place until cultural clearance has been granted from Bureau of Land Management, Moab.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 2.3 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to freshwater aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to West Bitter Creek would exist through leaks and spills.

If well is a producer, other development wells would be anticipated with substantially greater environmental and economic impacts.

We have considered the proposed Tenneco exploratory well #27-2 in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

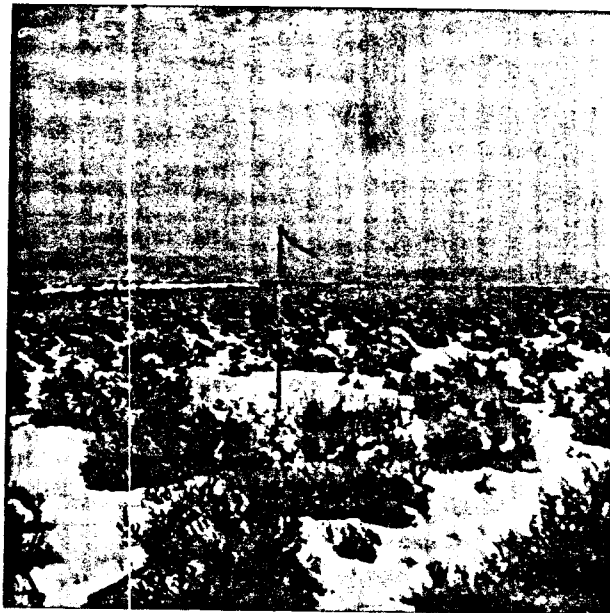
I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Sec. 102(2)(C).

Date

1/22/80

*E. L. Long*  
District Engineer

U. S. Geological Survey Conservation  
Division Oil and Gas Operations Salt  
Lake City District



*Tenneco  
#27-2  
Looking north.*



# United States Department of the Interior

IN REPLY REFER TO

3100  
(U-603)

## BUREAU OF LAND MANAGEMENT

Moab District  
Grand Resource Area  
P. O. Box M  
Moab, Utah 84532

April 30, 1980

### Memorandum

To: Oil & Gas Office, USGS Conservation Division,  
P.O. Box 1037, Vernal, Utah 84078

From: Area Manager, Grand

Subject: Tenneco Oil Company  
Glisson 27-2, Lease U-40049  
NWNE, Section 27, T. 17 S., R. 25 E., SLB&M  
Grand County, Utah

On January 13, 1980, a representative from this office met with Cody Hansen, USGS, and Lee Freeman agent of Tenneco Oil Company for an inspection of the above referenced location. Subject to the attached conditions, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location and a copy is attached for your files. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Tenneco Oil Company.

*C. Delano Buckus*

Enclosures: (3)  
1-Reclamation Procedures  
2-Seed Mixture  
3-Cultural Clearance



*Save Energy and You Serve America!*

## STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 24 hours prior to beginning construction of access road and pad.

Stockpile the surface twelve inches of topsoil in a wind-row on the north side of the location.

The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.

The trash pit will be at least six feet deep and fenced with fine mesh wire during drilling operations.

The "blooey" line will be centered and directed into the pit.

If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM, USGS & USFS publication).

If production is obtained, all production facilities will be painted "desert tan" or a similar color approved by the Grand Resource Area Manager.

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Production facilities and pipeline route are approved on this location under lease rights.

Existing road, from county road in Section 15 to new access road in Section 27, all in T. 17 S., R. 25 E. will require minimal upgrading. An eighteen foot wide travel surface will be maintained, and low water crossings used.

The new access road, 2100 feet long, will be constructed to allow good water drainage, including low water crossings, wind-rowing of topsoils along the up-hill side, and maintenance of a four to six inch crown on the road surface.

Well site surface disturbance will be kept to a minimum - the drill rig location will be leveled, and a reserve pit and flare pit dug.

## RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.
  - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
  - a. Lay berms into centers.
  - b. Use cut material for fill areas.
  - c. Lay stockpiled surface soil over top of pads and spread evenly.
  - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
  - e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils, scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by the BLM.

* 2%	Grade -	200 ft. intervals
2-4%	Grade -	100 ft. intervals
4-5%	Grade -	75 ft. intervals
5%	Grade -	50 ft. intervals

\* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars will be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.
4. Seed roads and pads in the fall (October through mid-December).

# SEED MIXTURE

<u>Species</u>		<u>Rate</u>
<u>Grasses</u>		<u>lbs./acre</u>
Oryzopsis hymenoides	Indian Ricegrass	1
Hilaria jamesii	Curley Grass	1
<u>Forbs</u>		
Sphaeroclea coccinia	Globemallow	1
<u>Shrubs</u>		
Atriplex canescens	Four-wing Saltbush	1
Cercocarpus lanata	Winterfat	1
		<hr/> 5

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 41-40049

OPERATOR: Tenneco Oil

WELL NO. 27-2

LOCATION: 1/4 NW 1/4 NE 1/4 sec. 27, T. 17S, R. 25E, SLM

Grand County, Utah

1. Stratigraphy: manos - surface

Frontier - 2580

Dakota - 3030

Morrison - 3150

Salt Wash - 3450

Entrada - 3550

TD 3650

2. Fresh Water:

none probable

3. Leasable Minerals:

gas from Dakota to TD

4. Additional Logs Needed:

adequate

5. Potential Geologic Hazards:

none expected

6. References and Remarks:

Signature: [Signature]

Date: 12-12-78

TENNECO OIL COMPANY  
ROCKY MOUNTAIN DIVISION  
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD  
DENVER, COLORADO 80222

DRILLING PROCEDURE

DATE: November 2, 1979

LEASE: Glisson USA

WELL NO.: 27-2

LOCATION: 691' FNL, 1813' FEL  
Sec. 27, T 17S, R: 25E  
Grand County, ~~Colorado~~ UTAH

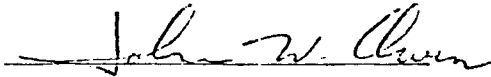
FIELD: Unnamed

ELEVATION: 5252' Est. G.L.

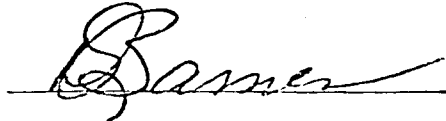
TOTAL DEPTH: 3650'

PROJECTED HORIZON: Entrada

SUBMITTED BY:



APPROVED BY:



JWO/ms

CC: Administrative (D. Traywick - 1)  
Well File (DSB - 1)  
Field File (3)



ESTIMATED FORMATION TOPS

Mesa Verde	N/A	
Mancos	Surface	
Castlegate	N/A	
Frontier	2580'	
Dakota Silt	2900'	
Dakota	3030'	(Gas or Water)
Morrison	3150'	(Gas or Water)
Salt Wash	3450'	(Gas or Water)
Entrada	3550'	
T.D.	3650'	

27-2

DRILLING, CASING, AND CEMENT PROGRAM

1. MIRURT.
2. Set  $\pm$  40' of 20" conductor pipe, if needed.
3. Drill 9 7/8" hole to 300'. Set and cement 7", 23#, K-55, ST&C casing to T.D. Cement with sufficient volume to circulate cement to the surface.
4. WOC. Nipple up BOP's, rotating head, choke manifold, etc. Pressure test BOP's, manifold, etc., to 1000 psi for 15 minutes.
5. TIH and displace water in casing with air. Drill out shoe and dry up hole.
6. Drill 6 1/4" hole to T.D.
7. Log well as per G.E. Department recommendations.
8. If well is productive, run 4 1/2", 10.5#, K-55, ST&C casing to T.D. Cement with sufficient volume to cover all possible productive zones.
9. If well is non-productive, P & A as per Regulatory Agency Specifications.
10. No abnormal pressure, temperature or hydrogen sulfide gas are expected to be encountered.
11. Approximate spud date: 1-25-80. Approximate duration of operation is 15 days.

CASING PROGRAM

CONDUCTOR:	(If needed) 40' of 20" conductor pipe.
SURFACE: 300'	7", 23#, K-55, ST&C.
PRODUCTION: 3650'	4 1/2", 10.5, K-55, ST&C.

## MUD PROGRAM

0- 300'

Spud mud.

300'- T.D.

Air. If liquids are encountered, then mist drilling will be attempted. If mist drilling is not successful, or if large volumes of gas are encountered, then the well will be mudded up as follows: (1) Weight -  $\pm$  9.0 ppg. (2) Vis. as needed. (3) W.L. - 10cc or less.

## EVALUATION

Cores and DST's: No cores or DST's are anticipated.

### Deviation Surveys:

0- 300'	1°	} Surveys to be run every 500' or on trips, whichever comes first.
300'- T.D.	50	

Samples: NONE.

### Logs:

SNP/GR	)		FDC/CNL	)	
FDC/GR	)	Air drilled.	DIL/LL8/SP	)	Mud drilled
DIL	)				

## BLOWOUT EQUIPMENT

1. Double ram hydraulic with pipe and blind rams operated by an accumulator.
2. Rotating head on Air/Mist holes.
3. Preventors must be checked for operation every 24 hours. This check MUST BE RECORDED on the IADC Drilling Report Sheet.

## REPORTS

Drilling reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud costs, plus any other pertinent information; will be called into Tenneco Oil Company, Denver, Colorado between 7:30 A.M. and 8:00 A.M.

1. 303-758-7130 (office) - Don Barnes  
303-758-7287 - Don Barnes private line - Monday-Friday (before 7:45 A.M.)
2. 303-936-0704 (home) - Don Barnes - weekends and holidays
3. 303-795-0221 (home) - John Owen - if Don Barnes not available

The yellow sheet of the IADC Report to be filled out completely, the original copy of the drilling time recorder, and copies of any invoices from this well signed and received for Tenneco Oil Company will be mailed daily to:

TENNECO OIL COMPANY  
PENTHOUSE  
720 SOUTH COLORADO BOULEVARD  
DENVER, COLORADO 80222

ATTENTION: DRILLING DEPARTMENT

In case of an emergency, notify the following:

1. Mr. Don Barnes, Division Drilling Engineer - 303-936-0704.
2. Mr. John Owen, Project Drilling Engineer - 303-795-0221
3. Mr. Mike Lacey, Division Production Manager - 303-979-0509.

1. Existing Roads

- A. Proposed Well Site Location: Proposed well site location was surveyed and staked by a registered land surveyor and is located 691' FNL, 1813' FEL, Sec. 27, T 17S, R 25E, Grand County, Utah. ( See Exhibit I acreage dedication plan )
- B. Planned Access Route: Approximately 22 miles Northwest of Mack, Colorado. ( See Exhibit II )
- C. Access Road Labelled:
- Color Code: Red - Improved Surface  
Blue - New Access Road
- D. Not applicable - the proposed well is a development well.
- E. The proposed well is a development well. See Exhibit II for existing roads within a one mile radius.
- F. Existing Road Maintenance or Improvement Plan:  
The existing roads will require minimal maintenance.

2. Planned Access Roads

(All roads are existing roads.)

- A. Width:  
The average width of the road is twenty feet.
- B. Maximum Grades: Maximum grades to be less than 8% if at all possible.
- C. Turnouts:  
There are no turnouts planned as sight distance is sufficient.
- D. Drainage Design:  
The road is center crowned to allow drainage. The road is flat primarily.
- E. Culverts Use Major Cuts and Fills: No culverts or major cuts and fills will be required.
- F. Surfacing Material:  
Native soil has been wetted, bladed and compacted to make the road surface, which is existing.

2. Planned Access Roads (Cont'd)

- G. Gates, Cattleguards, Fence Cuts:  
No gates, cattleguards or fences will be needed.
- H. New Roads Centerlined Flagged:  
Existing Roads. See Exhibit II

3. Location of Existing Wells

The proposed well is a development well. Exhibit III shows existing wells within a one mile radius.

- A. Water Wells: None
- B. Abandoned Wells: None
- C. Temporarily Abandoned Wells: None
- D. Disposal Wells: None
- E. Drilling Wells: Exhibit III
- F. Producing Wells: See Exhibit III
- G. Shut-In Wells: None
- H. Injection Wells: None
- I. Monitoring or Observation Wells: None.

4. Location of Existing and/or Proposed Facilities

- A. Existing facilities within one mile owned or controlled by Lessee/Operator:

- (1) Tank batteries - None
- (2) Production facilities - Exhibit III
- (3) Oil Gathering Lines - None
- (4) Gas Gathering Lines - None
- (5) Injection Lines - None
- (6) Disposal Lines - None

- B. New facilities in the event of production:

- (1) New facilities will be within dimensions or drill pad
- (2) Dimensions shown on Exhibit IV
- (3) Construction Materials/Methods:  
Construction materials will be native to the site.  
Facilities will consist of a well pad.
- (4) Protection of Wildlife/Livestock: Facilities will be fenced as needed to protect wildlife and/or livestock.

4. Location of Existing and/or Proposed Facilities (Cont'd)

B. New facilities in the event of production: (cont'd)

(5) New facilities will consist of a wellhead, tank and production unit.

C. Rehabilitation of Disturbed Areas:

Following the completion of construction, those areas required for continued production will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with surrounding topography per BLM recommendations.

5. Location and Type of Water Supply

A. Location and type of water supply:

Water will be hauled from a private source.

B. Water Transportation System:

Water trucks will be used.

C. Water wells:

N/A;

6. Source of Construction Materials

A. Materials:

Construction materials will consist of soil native to the site. Any topsoil, if present, will be stripped and stockpiled as needed.

B. Land Ownership;

The planned site and access road is on federal land administered by the Bureau of Land Management.

C. Materials Foreign to the Site:

N/A.

D. Access Roads: Exhibit II

No additional roads will be required.

7. Methods for Handling Waste Disposal

A. Cuttings:

Cuttings will be contained in the reserve pit.

B. Drilling Fluids:

Drilling fluids will be retained in the reserve pit.

C. Produced Fluids:

Produced fluids, including produced water will be collected in the reserve pit. Any small amount of hydrocarbon that may be produced during testing will be retained in the reserve pit. Prior to clean-up operations, the hydrocarbon material will be skimmed.

7. Methods for Handling Waste Disposal (Cont'd)

- D. Sewage:  
Sanitary facilities for sewage disposal will consist of at least one pit toilet, during the driller operations. The pit will be backfilled immediately following completion of the drilling operation.
- E. Garbage:  
There probably will not be much putrescible garbage to dispose of. However, it will be disposed of along with the refuse in a constructed burn pit, which will be fenced. The small amount of refuse will be burned and the pit will be covered with a minimum 36 inch cover upon completion.
- F. Clean-Up of Well Site:  
Upon the release of the drilling rig, the surface of the drilling pad will be prepared to accommodate a completion rig, if testing indicates potential productive zones. In either case, the "mouse hole" and "rat hole" will be covered to eliminate a potential hazard to livestock. The reserve pit will be fenced to prevent entry of livestock until the pit is backfilled. Reasonable clean up will be performed prior to final restoration of the site.

8. Ancillary Facilities

None required.

9. Well Site Layout

- A. Exhibit IV
- B. Location of pits, etc. See Exhibit IV
- C. Rig orientation etc. See Exhibit V
- D. Lining of pits:  
Pits will not be lined. They will be covered with a fine mesh netting, if necessary, for the protection of wildlife if fluids are found to be toxic.

10. Plans for Restoration of Surface

- A. Reserve pit clean up:  
The pit will be fenced prior to rig release and shall be maintained until clean up. Prior to backfilling any hydrocarbon material on the pit surface will be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and with soil adjacent to the reserve pit. The restored surface of the reserve pit will be contoured as needed to minimize erosion. The reserve pit area will be seeded per BLM recommendations during the appropriate season following final restoration of the site.



10. Plans for Restoration of Surface (Cont'd)

- B. Restoration Plans - Production Developed:  
The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography, and seeded, per BLM recommendations. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following depletion and abandonment of the site, restoration procedures will be those under Item C. below.
- C. Restoration Plan - No Production Developed:  
The reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the drilling pad will be restored. The site will be contoured to blend with the surrounding topography. The site will be seeded according to BLM recommendations. If the new access road is not required for other development plans, it will be obliterated and restored and seeded per BLM recommendations.
- D. Rehabilitation Time Table:  
Upon completion of operations the initial clean up of the well site will be performed. Final restoration of the site will be performed as soon as possible according to procedural guidelines published by the USGS and BLM. Seeding of the disturbed areas which are no longer required will be performed during the appropriate season, following final restoration.

11. Other Information

- A. Surface Description: Valleys and Mesas. Grassland w/greasewood and sagebrush.
- B. Surface Use Activities:  
The surface is federally owned and managed by the BLM. The predominant surface use is mineral exploration and production.
- C. Proximity of Water, Dwellings and Historical Sites:
  - 1. Water:  
There are no reservoirs or streams in the immediate area.
  - 2. Occupied Dwellings:  
There are no occupied dwellings or buildings in the area.
  - 3. Sites:  
An archeological reconnaissance has been performed for this location and clearance has been granted.


12. Operator's Field Representative

Donald S. Barnes  
Division Drilling Engineer  
Tenneco Oil Company  
720 South Colorado Blvd.  
Penthouse  
Denver, CO 80222  
(303) 758-7130 Ext. 212

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and subcontractors will conform to this plan.

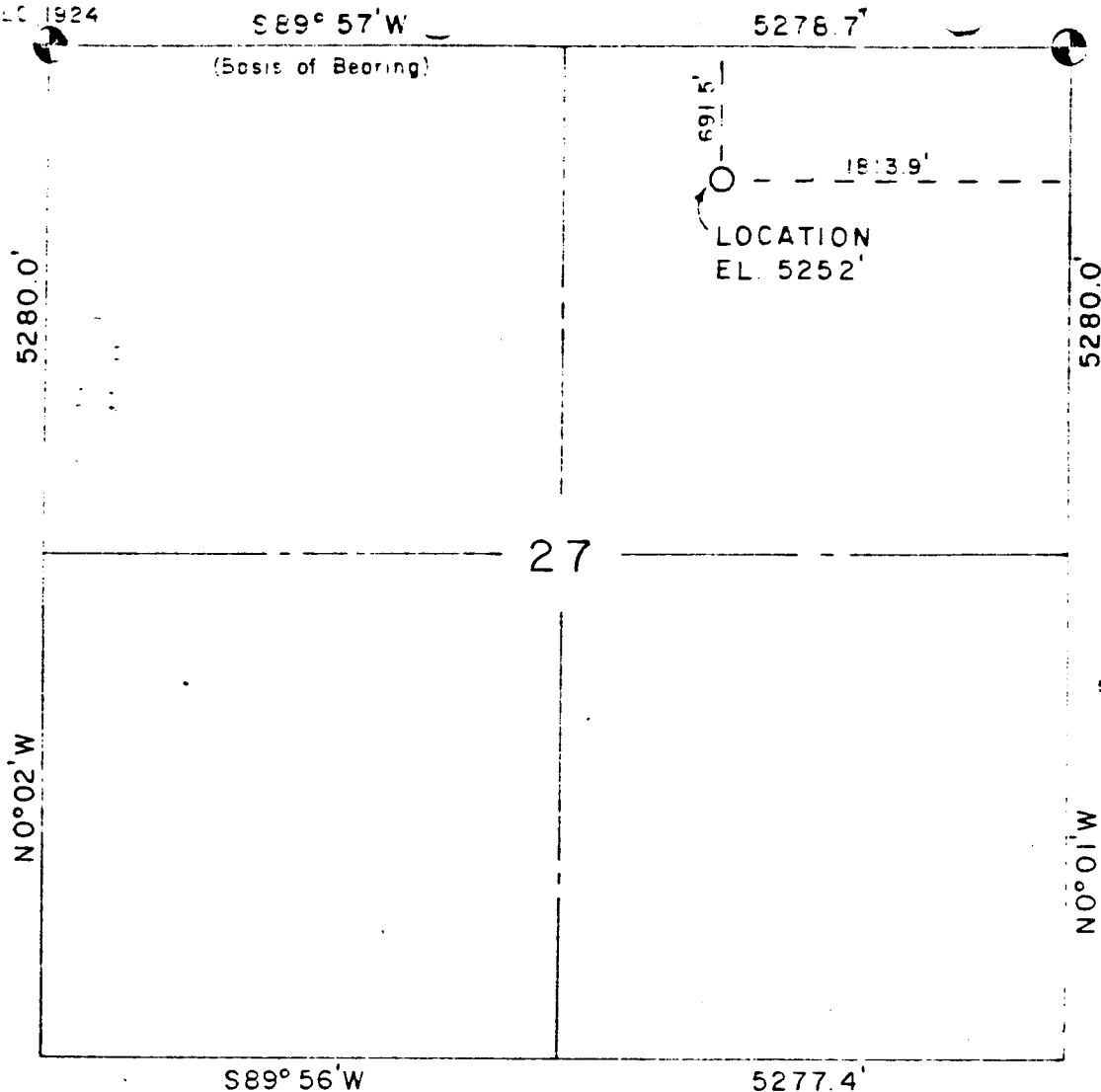
Date: 11-28-79

  
J. D. Traywick  
Administration Supervisor

Brass Cap  
G.L.C. 1924

EXHIBIT I

Brass Cap  
G.L.C. 1924



WELL LOCATION

691.5 FT. S. N.L. - 1813.9 FT. W. E.L.  
SECTION 27, T17S, R25E, SLB & M  
GRAND COUNTY, UTAH

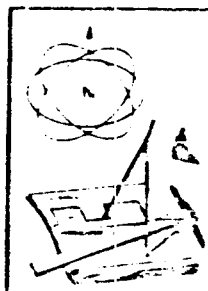
SURVEYOR'S CERTIFICATE

I, Edward A. Armstrong, a registered land surveyor in the State of Utah do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

*Edward A. Armstrong*

EDWARD A. ARMSTRONG

LS 4464



ARMSTRONG ENGINEERS

ENGINEERING - SURVEYING  
CONCRETE & SOILS TESTING

11-14-79

DRS

JHL

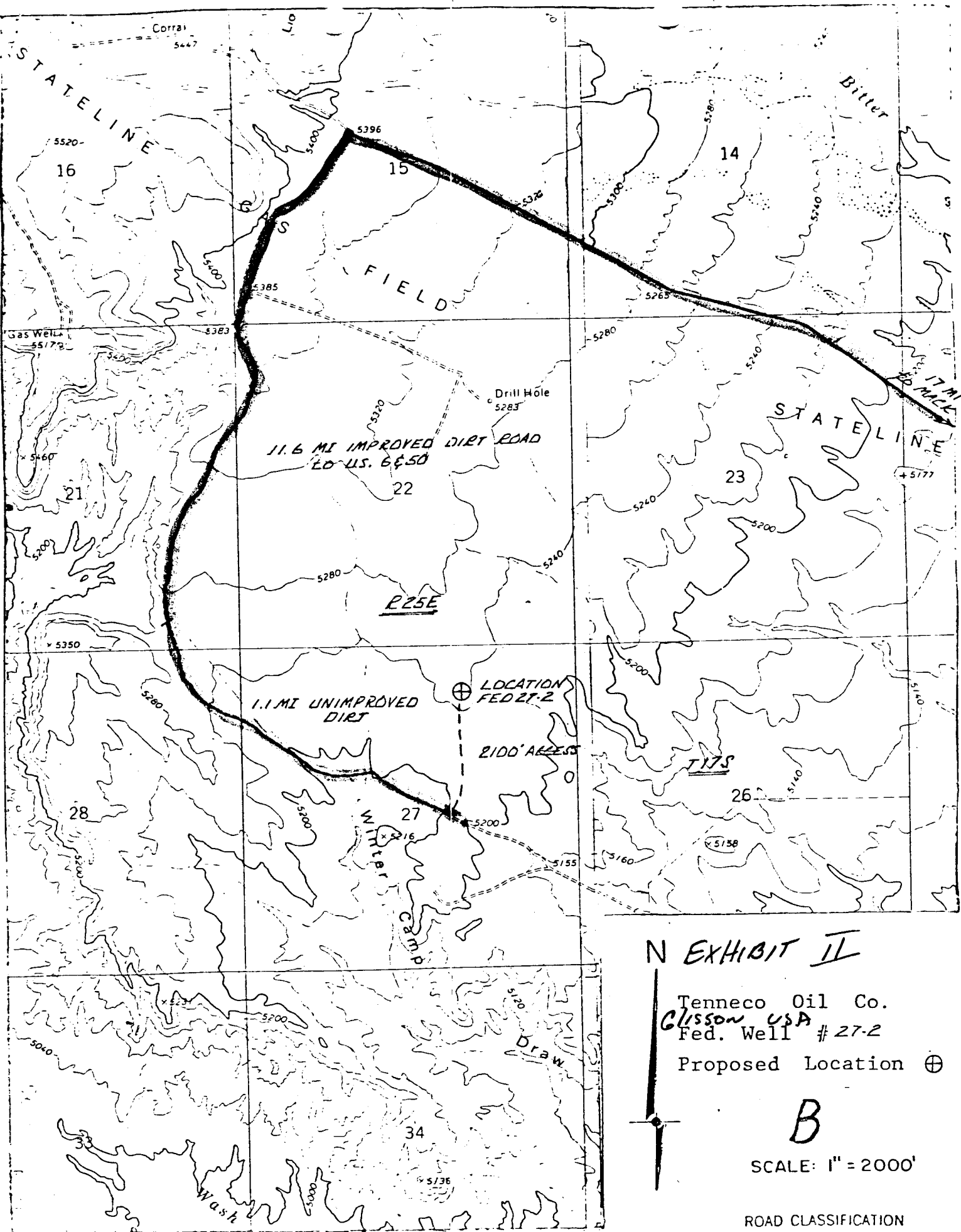
11-12-79

TENNECO OIL CO.  
*Glisson* USA  
FEDERAL 27-2

SHEET 1 of 5

PLAT NUMBER

792598



## N EXHIBIT II

Tenneco Oil Co.  
*Clisson USA*  
Fed. Well # 27-2

Proposed Location ⊕

# B

SCALE: 1" = 2000'

ROAD CLASSIFICATION

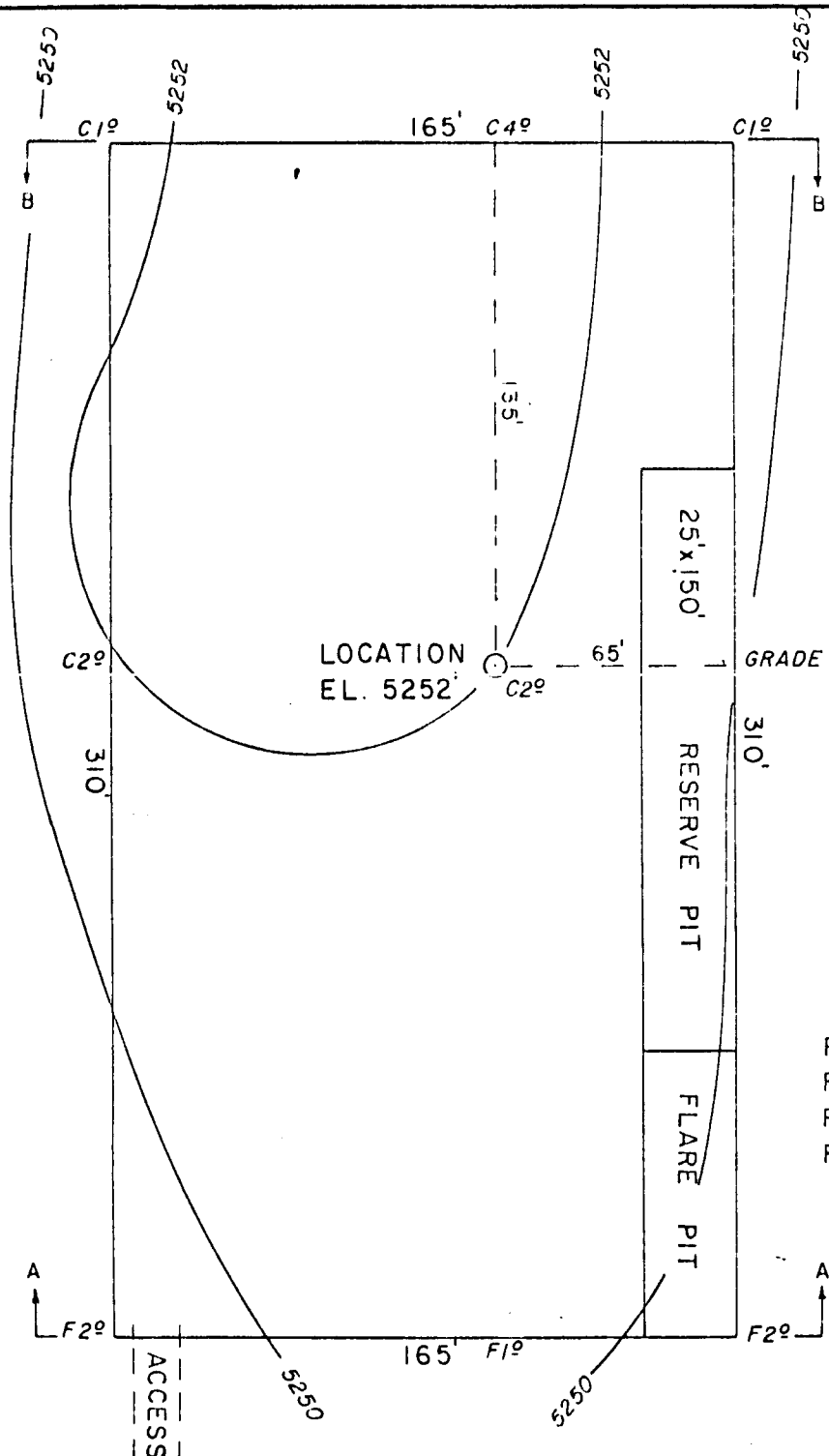
Light-duty

Unimproved dirt

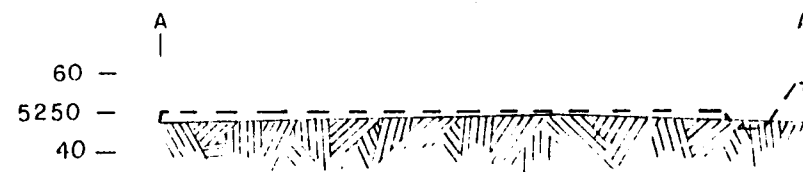


27-2

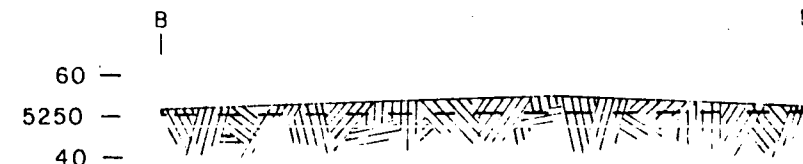




CROSS-SECTION A-A'



CROSS-SECTION B-B'



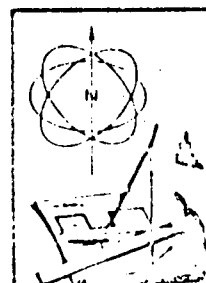
APPROXIMATE EARTHWORK VOLUMES

CUT: 2553 cu. yd.

FILL: 802 cu. yd.

LONG AXIS N-S

REF. PT. 200' N : 5254'  
REF. PT. 200' S : 5249'  
REF. PT. 200' E : 5246'  
REF. PT. 200' W : 5248'



ARMSTRONG ENGINEERS  
ENGINEERING - SURVEYING  
CONCRETE & SOILS TESTING

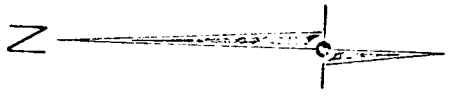
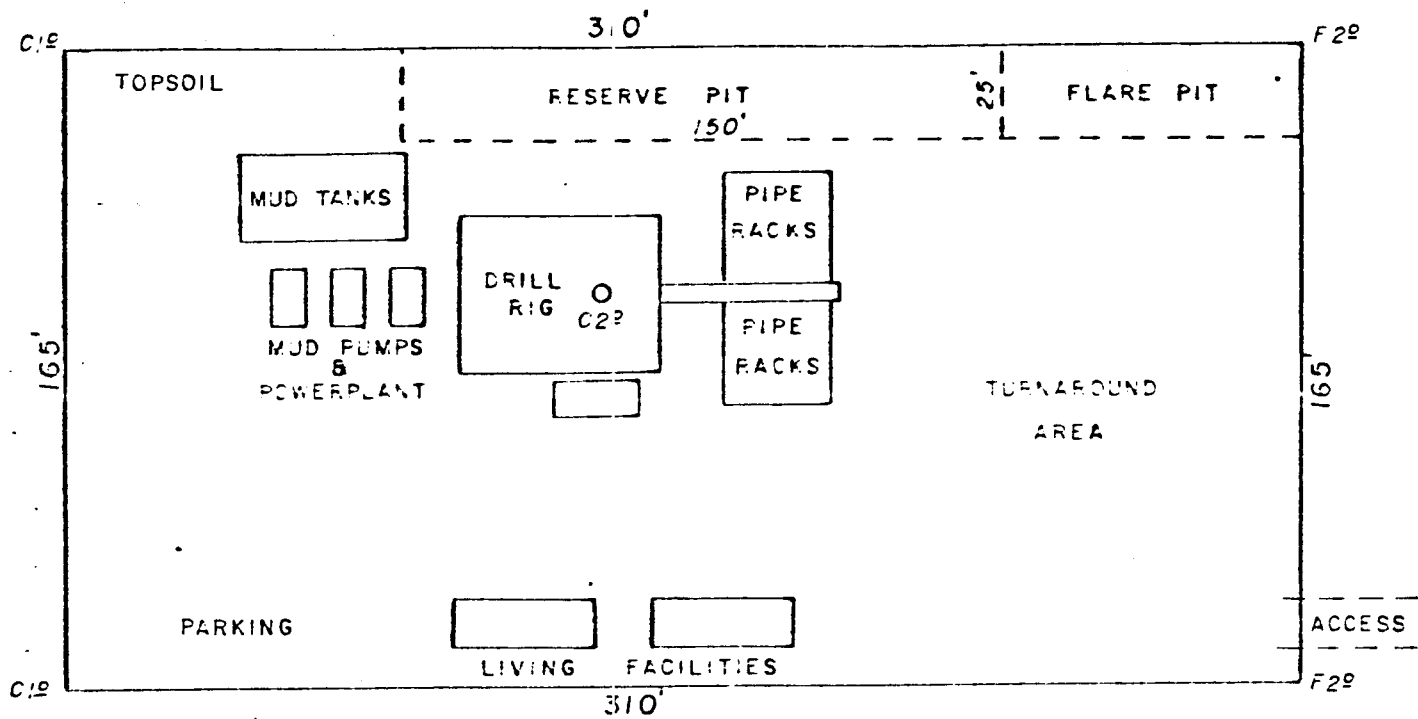
T=50  
11-15-79  
DRS  
JHL  
11-12-79

TENNECO OIL CO.  
Glisson USA  
FEDERAL 27-2

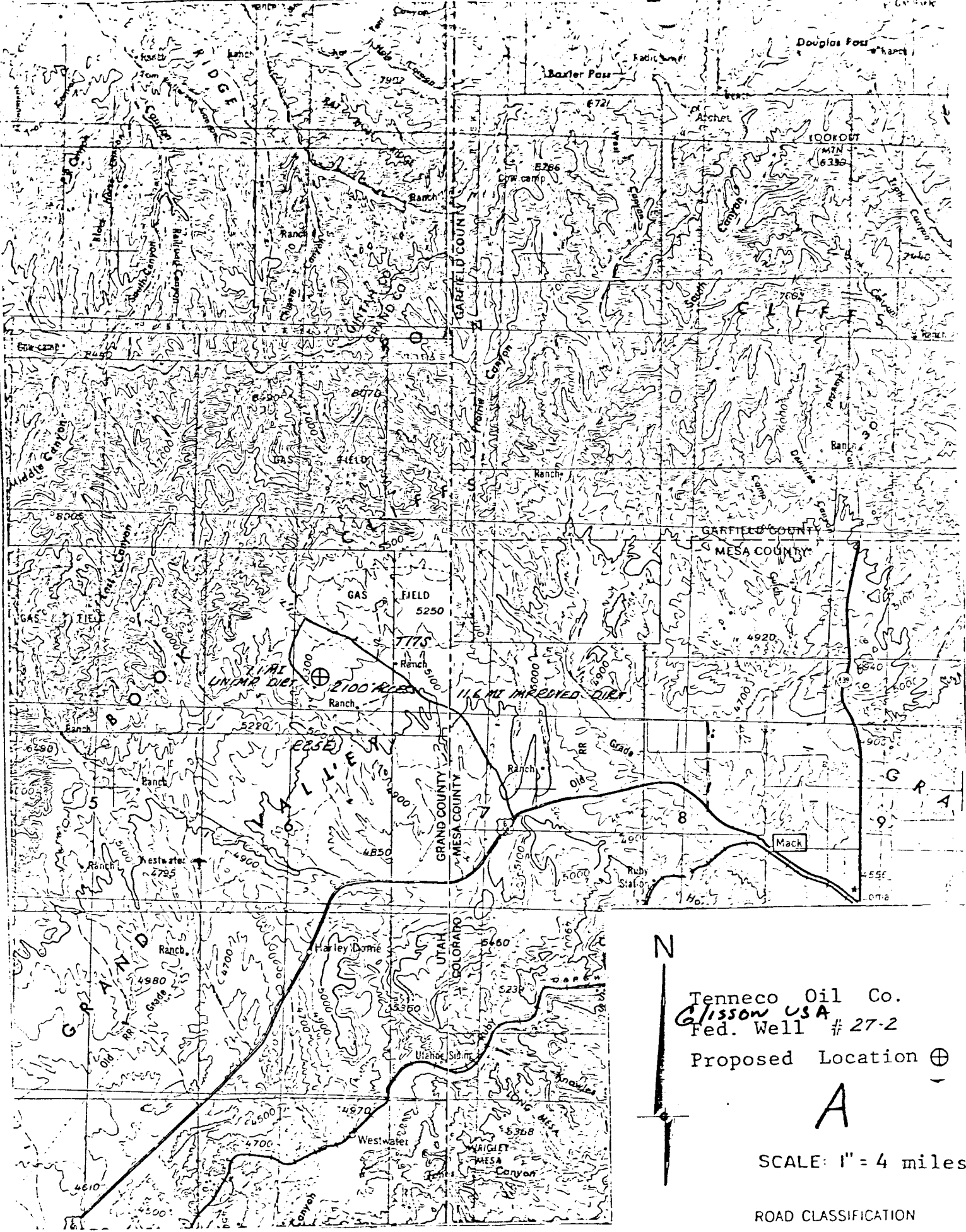
SHEET 2 of 5

792598

# RIG LAYOUT



	<b>ARMSTRONG ENGINEERS</b> ENGINEERING-SURVEYING CONCRETE & SOILS TESTING		
	SCALE	1" = 50'	
	DATE	11-14-79	
	BY	DRS	
	CHECKED BY	JHL	
DATE	11-12-79	TENNECO OIL CO. <i>Glisson USA</i> FEDERAL 27-2	
SHEET 3 of 5			JOB NUMBER 792598



Tenneco Oil Co.  
Glenwood USA  
Fed. Well # 27-2  
Proposed Location ⊕

A

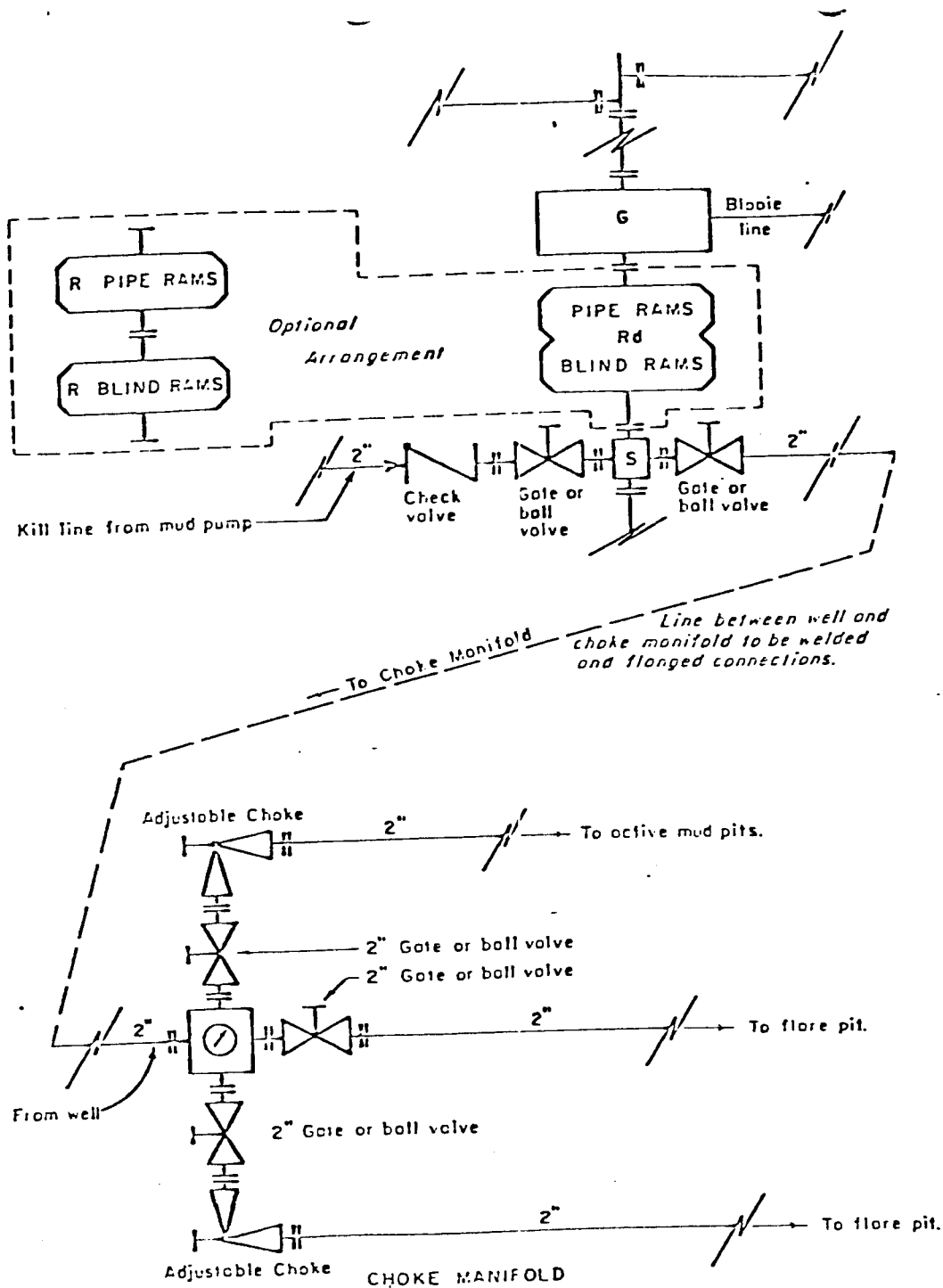
SCALE: 1" = 4 miles

ROAD CLASSIFICATION

Light-duty

Unimproved dirt



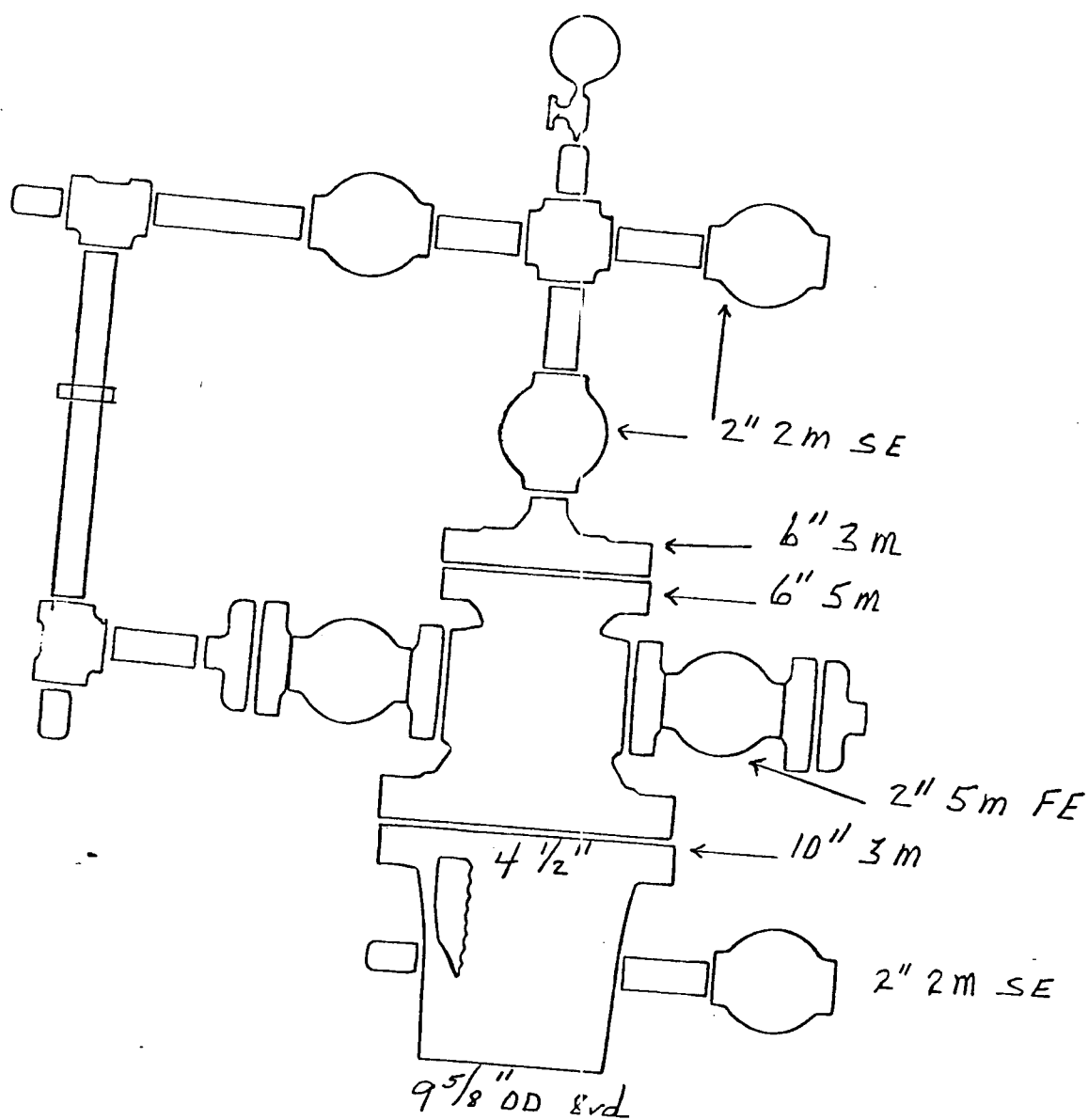


- All equipment to be 3,000 psi working pressure except as noted.
- Rd Double ram type preventer with two sets of rams.
  - R Single ram type preventer with one set of rams.
  - S Drilling spool with side outlet connections for choke and kill lines.
  - G Rotating head 150 psi working pressure minimum

#### ARRANGEMENT C

TENNECO OIL COMPANY  
 ROCKY MOUNTAIN DIVISION  
 REQUIRED MINIMUM  
 BLOWOUT PREVENTER AND  
 CHOKES MANIFOLD

J. MAGILL 10-26-79 EVI



Well Head

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

TENNECO OIL COMPANY

## 3. ADDRESS OF OPERATOR

P.O. Box 3249, Englewood, CO 80155

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

691' FNL, 1813' FEL NWNE

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 22 miles Northwest of Mack, Colorado

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)

691'

## 16. NO. OF ACRES IN LEASE

1916

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

3650' Entrada

## 20. ROTARY OR CABLE TOOLS

January 25, 1980

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5252' GL

## 22. APPROX. DATE WORK WILL START\*

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 7/8"	7"	23# K-55	± 300	Sufficient to circulate to surface
6 1/2"	4 1/2"	10.5# K-55	± 3650	Sufficient to cover all possible productive zones.

( SEE ATTACHED DRILLING PROGRAM )

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE

5/20/81  
CB Freeman

RECEIVED

APR 27 1981

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

M. L. Freeman

TITLE Administrative Supervisor

DATE April 24, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Brass Cap  
GLC 1924

S89° 57' W

5278.7'

Brass Cap  
GLC 1924

EXHIBIT I

(Basis of Bearing)

5280.0'

691.5'

1813.9'

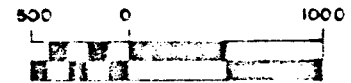
LOCATION  
EL. 5252'

5280.0'

N

N0°02'W

27



SCALE 1"=1000'

N0°01'W

S89° 56' W

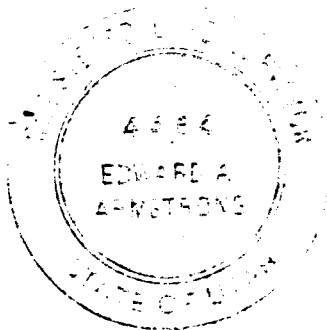
5277.4'

WELL LOCATION

691.5 FT. S. N.L. - 1813.9 FT. W. E.L.  
SECTION 27, T17S, R25E, SLB & M  
GRAND COUNTY, UTAH

SURVEYOR'S CERTIFICATE

I, Edward A. Armstrong, a registered land surveyor in the State of Utah do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.



*Edward A. Armstrong*  
EDWARD A. ARMSTRONG

L.S. 4464

	ARMSTRONG ENGINEERS		
	ENGINEERING - SURVEYING		
	CONCRETE & SOILS TESTING		
	SCALE 1"=1000'	TENNECO OIL CO.	
	DATE 11-14-79	Clisson USA	
	DRS	FEDERAL 27-2	
	JHL	SHEET 1 of 5	
	DATE 11-12-79	JOB NUMBER 792598	

**\*\* FILE NOTATIONS \*\***

DATE: May 11, 1981  
OPERATOR: Tenneco Oil Co.  
WELL NO: Blisson USA 27-2  
Location: Sec. 27 T. 17S R. 25E County: Grand  
File Prepared: ☒ Entered on N.I.D: ☒  
Card Indexed: ☒ Completion Sheet: ☒  
API Number 43-019-30802

**CHECKED BY:**

Petroleum Engineer: \_\_\_\_\_  
Director: OK Rule C-3  
Administrative Aide: OK on any other oil & gas wells.

**APPROVAL LETTER:**

Bond Required: ☐ Survey Plat Required: ☐  
Order No. \_\_\_\_\_ O.K. Rule C-3 ☐  
Rule C-3(c), Topographic Exception - company owns or controls acreage  
within a 660' radius of proposed site ☐  
Lease Designation Fed. Plotted on Map ☐  
Approval Letter Written ☒  
Hot Line ☒ P.I. ☒

May 26, 1981

Tenneco Oil Company  
P. O. Box 3249  
Englewood, Colorado 80155

RE: WELL NO. GLISSON USA 27-2  
Sec. 27, T. 17S, R. 25E, NW NE  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30802.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

*[Signature]*  
Cleon B. Feight  
Director

CBF/ko  
cc: USGS



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 8, 1982

Tenneco Oil Company  
P. O. Box 3249  
Englewood, Colorado  
80155

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Clerk Typist

Well No. Conklin 4-4  
Sec. 3, T. 17S, R. 24E  
Grand County, Utah

Well No. Glisson USA #27-2  
Sec. 27, T. 17S, R. 25E  
Grand County, Utah

Well No. Diamond Canyon Unit #2- State #16-4  
Sec. 16, T. 18S, R. 22E  
Grand County, Utah

Well No. Tusher Canyon Unit USA 1-2  
Sec. 1, T. 20S, R. 18E  
Grand County, Utah



# Tenneco Oil Exploration and Production

A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249  
Englewood, Colorado 80155  
(303) 740-4800

Delivery Address:  
6061 South Willow Drive  
Englewood, Colorado

March 18, 1982

State of Utah  
Natural Resources and Energy  
4241 State Office Building  
Salt Lake City, UT 84114

LA

Attn: Ms. Cari Furse

RE: State Approval of APD's

Dear Ms. Furse:

In reference to your letters dated February 8, 1982 concerning APD's approved by your office, here is the current status of each:

Conklin 4-4  
Sec. 9, T17S R24E  
Grand, UT

No plans to drill this in 1982  
Please return APD

Glisson USA 27-2  
Sec. 27, T17S R25E  
Grand, UT

No plans to drill this in 1982  
Please return APD

Diamond Canyon Unit II State 16-4  
Sec. 16, T18S R22E  
Grand, UT

We have State approval until  
June 30, 1982

Tusher Canyon Unit USA 1-2  
Sec. 1, T20S R18E  
Grand, UT

No plans to drill this in 1982  
Please return APD

USA #15-7  
(now named) Diamond Canyon  
Unit II USA 15-7  
Sec. 15, T18S R22E  
Grand, UT

No plans to drill this in 1982  
Please return APD

USA #20-11  
Sec. 20, T18S R24E  
Grand, UT

No plans to drill this in 1982  
Please return APD

RECEIVED

MAR 22 1982

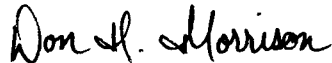
DIVISION OF  
OIL, GAS & MINING

Page 2  
State of Utah  
March 18, 1982

We apologize for the lateness in responding to your letters. They were sent to the wrong people in our department. In the future, to facilitate a quicker response to matters concerning APD's, sundry notices and like regulatory reports, please send letters to the attention of either: Mr. Lee Freeman, Administrative Supervisor - Regulatory Reporting or myself.

Very truly yours

TENNECO OIL COMPANY

A handwritten signature in cursive script that reads "Don H. Morrison".

Don H. Morrison  
Production Analyst

DHM:jt

Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

May 12, 1982

Tenneco Oil Company  
P.O. Box 3249  
Englewood, Colorado 80155

Re: Rescind Application for Permit  
to Drill  
Well No. 27-2  
Sections 27, T. 17S., R. 25E.  
Grand County, Utah  
Lease No. U-40049

Gentlemen:

The Application for Permit to Drill the referenced well was approved on April 21, 1981. Since that date no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

(OFIG. SGD.) R. A. HENRICKS  
Production Unit Supervisor

*E. W. Guynn*  
District Oil & Gas Supervisor

bcc: SMA  
State O&G  
State BLM  
MMS-Vernal  
Well File  
APD Control

RAH/tm